Commissioning of Yamuna Nagar Super Thermal Power Plant

199. SHRI S. S. SURJEWALA: Will the Minister of POWER be pleased to state:

(a) whether the Super Thermal Power Plant constructed at Yamuna Nagar by NTPC has got final clearance by Govern ment;

(b) whether the financial tie-up for construction *of* the plant has been reached; if so, the details thereof;

(c) what is the quantum of power that Haryana will get from this plant and on what terms;

(d) what is the cost of the plant which is to be borne by the Government of Haryana; and

(e) by when the plant is likely to be completed?

THE MINISTER OP STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) and (b) The Yamunanagar Thermal Power Project (4x210 MW) was proposed to be implemented by the National Thermal Power Corporation (NTPC) as a Central Sector project. However, because of financial constraints, it is now envisaged to implement the project as a joint venture by NTPC and the Haryana State Electricity Board (HSEB) with a private co-promoter. Necessary clearance from the Government for implementation of the project is to be obtained by the Joint Venture Company (JVC) after selection of the co-promoter.

(c) and (d) Supply of power to be generated from the project would be as mutually agreed to by the JVC with the HSEB. After the JVC is formed and the respective shares of the Co-promoters is arrived at would the contribution of the Government of Haryana towards the project be determined.

(e) The commissioning schedule could be anticipated only after the JVC is formed and clearance from the Government obtained.

Inquiry into power break-down fat Delhi

200. SHRI GAYA SINGH:
SHRI N. E. BALARAM:
SHRI SUNDER SINGH BHANDARI:
CHOWDHARY HARI SINGH:

Will the Minister of POWER be pleased to state:

(a) whether a high-level inquiry has been ordered into the northern grid failure plunging Delhi and large parts of Rajasthan and Uttar Pradesh into darkness on the 6th June, Mid-night;

(b) if so, the details thereof;

(c) whether the said committee has submitted its report;

(d) if so, the details of the findings thereof; and

(e) what concrete steps are being taken to avoid frequent power cuts in Delhi during the recent months?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) and (b) The Government has appointed a Committee of two experts namely S/Shri V. B. Eswaran and A. K. Sah to look into the causes of grid disturbance in the Northern Region on the night of 6th/7th June, 1993 and to suggest re-medial measures.

(c) The Committee has submitted an interim report on 19th July, 1993.

(d) According to the interim report of the Committee, a fault was initiated either at 400 KV switch yard of the Singrauli Super Thermal Power Station or on the Singrauli-Kanpur 450 KV trans mission line. The bus bar protection at Singrauli Switch-yard failed to operate which caused the tripping of all the generating units at Singrauli and Rihand Super Thermal Power Stations leading to the Grid failure.

(e) During the period April-June, 1993 Delhi experienced a marginal energy shortage. Restrictions are also imposed to contain the power demand during peak periods as necessary.

Completion of North Madras Power Project

201. SHRI PASUMPON THA KIRUT. TINAN: Will the Minister of POWER be pleased *to* state:

(a) whether the completion of North Madras Power Project is likely to be delayed;

(b) if so, what are the reasons therefor;

(c) what was the original stipulated date of its completion and cost; and

id) by when the project is now like to be completed and escalation in cost a result of delay in its completion?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. RANGAYYA NAIDU): (a) Yes Sir.

(b) The reasons for delay in the co pletion of North Madras Thermal Pow Project (3x210 MW) include delay in *i* quisition of land due to Special Lea Petition filed in the Supreme Court; up of funds in respect of Unit-3; a placement of orders for major a auxiliary equipments.

(c) and (d) The commissioning schem as planned originally and now exped are given below:—

Unit No. and capacity	Commissioning Schedule	
	Original	As now expected
(i) Unit No. 1 (210 MW) . . .	March, 1991	April, 1994
(ii) Unit No. 2 (210 MW)	Dec., 1991	Oct., 1994
(iii) Unit No. 3 (210 MW)	Dec., 1992	April, 1995

The project was sanctioned at an estimated cost Rs. 547.79 crores. The revised estimated cost of the project is Rs. 1405.43 crores.

PX.F. of power stations in country

202. SHRI KAMAL MORARKA: Will the Minister of POWER be pleased to state:

(a) what is the Plant Load Factor (PLF) of the various power stations in the country;

(b) whether it is a fact that PLF on NTPC is higher than that of State Electricity Board;

(c) if so, what steps are being taken to see that the PLF is suitably raised to augment power supply;

(d) whether it is a fact that with every 1 per cent increase in the PLF, the *la-*

vestment in the new power units requi comes down substantially; and

(e) if so, whether a cost-benefit st will be made to determine the optim route to be adopted for augmentation power supply?

THE MINISTER OF STATE IN T MINISTRY OF POWER (SHRI P. RANGAYYA NAIDU): fa) The P Load Factor of Thermal Power Stati in the country during the period A Tune, 1993 was 60.8 per cent.

(b) During the period April-June, 1 the' Plant Load Factor of NTPC stati was 76 per cent as compared to the P Load Factor of 56.5 per cent in sector.

(c) Various measures being taken increase the Plant Load Factor of T mal Power Stations include Renova and Modernisation of old units, assiste